

TECHNICAL SUPPORT DOCUMENT FOR DESCRIBING AVAILABLE CANCER POTENCY FACTORS

APPENDIX I

Additions and Corrections from the Last Document Version

Asbestos

- p. 2: Inhalation slope factor $[2.2 \text{ E}+2 \text{ (mg/kg-day)}^{-1}]$ added to the unit risk/cancer potency lookup table.
- p. 73: Inhalation slope factor $[2.2 \text{ E}+2 \text{ (mg/kg-day)}^{-1}]$ added to the chemical summary text.
- p. 589: Inhalation slope factor $[2.2 \text{ E}+2 \text{ (mg/kg-day)}^{-1}]$ added to the Appendix H lookup table.

Bis(chloromethyl)ether

- p. 2: Unit risk/cancer potency lookup table corrected; slope factor changed from $4.6 \text{ E}+2 \text{ (mg/kg-day)}^{-1}$ to $4.6 \text{ E}+1 \text{ (mg/kg-day)}^{-1}$.
- p. 134 (summary text), p.590 (Appendix H lookup table): slope factor corrected from $4.6 \text{ E}+2 \text{ (mg/kg-day)}^{-1}$ to $4.6 \text{ E}+1 \text{ (mg/kg-day)}^{-1}$.

1,6-Dinitropyrene

- p. 4: Unit risk/cancer potency lookup table corrected; CAS number changed from 4239-76-48 to 42397-64-8.

1,8-Dinitropyrene

- p. 4: Unit risk/cancer potency lookup table corrected; CAS number changed from 4239-76-59 to 42397-65-9.

Ethylene dichloride

- p. 4: Unit risk/cancer potency lookup table corrected; slope factor changed from $7.0 \text{ E}-2 \text{ (mg/kg-day)}^{-1}$ to $7.2 \text{ E}-2 \text{ (mg/kg-day)}^{-1}$, unit risk changed from $2.2 \text{ E}-5 \text{ (}\mu\text{g/m}^3\text{)}^{-1}$ to $2.1 \text{ E}-5 \text{ (}\mu\text{g/m}^3\text{)}^{-1}$.
- p. 288, 291: Chemical summary text corrected; slope factor changed from $7.0 \text{ E}-2 \text{ (mg/kg-day)}^{-1}$ to $7.2 \text{ E}-2 \text{ (mg/kg-day)}^{-1}$, unit risk changed from $2.2 \text{ E}-5 \text{ (}\mu\text{g/m}^3\text{)}^{-1}$ to $2.1 \text{ E}-5 \text{ (}\mu\text{g/m}^3\text{)}^{-1}$.
- p. 585: Appendix F lookup table corrected; unit risk changed from $2.2 \text{ E}-5 \text{ (}\mu\text{g/m}^3\text{)}^{-1}$ to $2.1 \text{ E}-5 \text{ (}\mu\text{g/m}^3\text{)}^{-1}$.
- p. 592: Appendix H lookup table corrected; slope factor changed from $7.0 \text{ E}-2 \text{ (mg/kg-day)}^{-1}$ to $7.2 \text{ E}-2 \text{ (mg/kg-day)}^{-1}$, unit risk changed from $2.2 \text{ E}-5 \text{ (}\mu\text{g/m}^3\text{)}^{-1}$ to $2.1 \text{ E}-5 \text{ (}\mu\text{g/m}^3\text{)}^{-1}$.

Methylene chloride

- p. 5: (inhalation) removed from column 1 of unit risk/cancer potency lookup table.
- p. 593: (inhalation) removed from column 1 of Appendix H lookup table; row containing oral slope factor removed (to reflect absence of oral slope factor in lookup table).

Methyl *tert*-butyl ether

- p. 5: Added unit risk and slope factor to unit risk/cancer potency lookup table.
- p. 346: Added chemical-specific information summary.
- p. 592: Added exposure route, study type, unit risk and slope factor information to Appendix H lookup table.

N-Nitrosodi-n-butylamine

- p.5: Unit risk/cancer potency lookup table corrected; name changed from N-Nitroso-n-dibutylamine.
- p. 583: Appendix E lookup table; name changed from N-Nitroso-n-dibutylamine.
- p. 585: Appendix F lookup table; name changed from N-Nitroso-n-dibutylamine.
- p. 593: Appendix H lookup table; name changed from N-Nitroso-n-dibutylamine.

N-Nitroso-N-methylethylamine

- p. 5: Unit risk/cancer potency lookup table corrected; slope factor changed from $3.7 \text{ E}+0 \text{ (mg/kg-day)}^{-1}$ to $2.2 \text{ E}+1 \text{ (mg/kg-day)}^{-1}$.
- p. 390: slope factor changed from $3.7 \text{ E}+0 \text{ (mg/kg-day)}^{-1}$ to $2.2 \text{ E}+1 \text{ (mg/kg-day)}^{-1}$.
- p. 593: Appendix H lookup table slope factor changed from $3.7 \text{ E}+0 \text{ (mg/kg-day)}^{-1}$ to $2.2 \text{ E}+1 \text{ (mg/kg-day)}^{-1}$.

Particulate Matter from Diesel-fueled Engines

- Unit risk/cancer potency lookup table footnotes corrected: upper end of unit risk range changed from $1.5 \text{ E}-3 \text{ (}\mu\text{g/m}^3\text{)}^{-1}$ to $2.4 \text{ E}-3 \text{ (}\mu\text{g/m}^3\text{)}^{-1}$.
- p. 428: Unit risk range changed in Section II: Health Assessment Values of the chemical-specific information summary from $1.5 \text{ E}-3 \text{ (}\mu\text{g/m}^3\text{)}^{-1}$ to $2.4 \text{ E}-3 \text{ (}\mu\text{g/m}^3\text{)}^{-1}$.
- p. 578: Added a listing for “Proposed Identification of Diesel Exhaust as a Toxic Air Contaminant. Part B. Health Risk Assessment for Diesel Exhaust” to Appendix B, Toxic Air Contaminant Documents.
- p. 592: Added a row for “diesel exhaust” to Appendix H lookup table, including appropriate footnote additions.

Perchloroethylene

- p. 479: unit risk factor in chemical-specific information summary text corrected from $5.6 \text{ E}-6 \text{ (}\mu\text{g/m}^3\text{)}^{-1}$ to $5.9 \text{ E}-6 \text{ (}\mu\text{g/m}^3\text{)}^{-1}$.

Polychlorinated biphenyls (PCBs)

- p. 5: Unit risk and slope factor for “low risk” PCBs added (documentation was included in earlier version but values had been omitted).
- p. 486: Unit risk for “low risk” PCBs added.
- p. 490: An inhalation unit risk factor for “low risk” PCBs and a description of cases when use of the “low risk” inhalation unit risk factor would be appropriate based on the original U.S. EPA documentation was added to Section IV: Derivation of Cancer Potency (Methodology) of the chemical-specific information summary for PCBs.
- p. 594: An inhalation unit risk factor for “low risk” PCBs was added to the Appendix H lookup table.

Thioacetamide

- p. 6: Unit risk/cancer potency lookup table corrected; slope factor changed from $6.1 \text{ E}+1 \text{ (mg/kg-day)}^{-1}$ to $6.1 \text{ E}+0 \text{ (mg/kg-day)}^{-1}$.
- p. 511: slope factor in summary text changed from $6.1 \text{ E}+1 \text{ (mg/kg-day)}^{-1}$ to $6.1 \text{ E}+0 \text{ (mg/kg-day)}^{-1}$.
- p. 594: Appendix H lookup table slope factor changed from $6.1 \text{ E}+1 \text{ (mg/kg-day)}^{-1}$ to $6.1 \text{ E}+0 \text{ (mg/kg-day)}^{-1}$.

1,1,2-Trichloroethane

- p. 519: Cancer slope factor of $5.7 \text{ E}-2 \text{ (mg/kg-day)}^{-1}$ added to Section II: Health Assessment Values portion of chemical-specific information summary text; cancer unit risk factor corrected from $2.1 \text{ E}-5 \text{ (}\mu\text{g/m}^3\text{)}^{-1}$ to $1.6 \text{ E}-5 \text{ (}\mu\text{g/m}^3\text{)}^{-1}$.
- p. 521: slope factor in chemical-specific information summary text corrected from $1.7 \text{ E}+1 \text{ (mg/kg-day)}^{-1}$ to $5.7 \text{ E}-2 \text{ (mg/kg-day)}^{-1}$.

Trichloroethylene

- p. 6: Unit risk/cancer potency lookup table corrected; slope factor changed from $1.0 \text{ E}-2 \text{ (mg/kg-day)}^{-1}$ to $7.0 \text{ E}-3 \text{ (mg/kg-day)}^{-1}$.
- p. 522: slope factor in chemical-specific information summary text changed from $1.0 \text{ E}-2 \text{ (mg/kg-day)}^{-1}$ to $7.0 \text{ E}-3 \text{ (mg/kg-day)}^{-1}$.
- p. 594: Appendix H lookup table slope factor changed from $1.0 \text{ E}-2 \text{ (mg/kg-day)}^{-1}$ to $7.0 \text{ E}-3 \text{ (mg/kg-day)}^{-1}$.